

rGFP Recombinant Protein



RPPB3401

Product Information Protein Information

Product SKU:

RPPB3401

Accession:

P42212

Host:

Escherichia Coli.

Protein description:

rGFP Aequorea victoria produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (1-238 a.a.) and having a molecular mass of 26.8 kDa. rGFP is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered yellowish solution.

Synonyms:

Green fluorescent protein, GFP.

Formulation:

The Green Fluorescent Protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8 and 10% Glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MSKGEELFTG VVPILVELDG DVNGHKFSVS GEGEGDATYG KLTLKFICTT GKLPVPWPTL VTTFYSGVQC
FSRYPDHMKQ HDFFKSAMPEGYVQERTIFF KDDGNYKTRA EVKFEGDTLV NRIELKGIDF KEDGNILGHK
LEYNYNSHNV YIMADKQKNG IKVNFKIRHN IEDGSVQLADHYQQNTPIGD GPVLLPDNHY LSTQSALSKD
PNEKRDHMLV LEFVTAAGIT HGMDELYK.